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SUBSTITUTE PATENT 1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. 08472/704002		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b))				Serial No. 08/908,453		
				Applicant Gary Ruvkun et al.		
				Filing Date August 7, 1997		
				Group 1632 ✓		
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
✓	US97/13914	09/27/97	PCT SEARCH REPORT			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
✓	Bernard, V. et al., <i>Experientia</i> , Vol. 52, page A37, abstract S10-47, The <i>C. elegans</i> phosphatidylinositol 3-kinase (VPS34)					
✓	Tedesco, P.M. et al., 'Cloning a gene for life-extension in <i>Caenorhabditis elegans</i> ,' abstract, UCLA Symposium on Molecular and Cellular Biology, New Series, 1990, Vol. 123, pages 3-17, database CAPLUS on STN, Institute of Behavioral Genetics, (Boulder, Colorado, USA)					
✓	Morris, J.Z. et al., <i>Nature</i> , August 1996, Vol. 382, pp. 536-539, A phosphatidylinositol-3-OH kinase family member regulating longevity and diapause in <i>Caenorhabditis elegans</i>					
✓	Malone, E.A. et al., <i>Genetics</i> , July 1996, Vol. 143, No. 3, pages 1193-1205, Genetic analysis of the roles of <i>daf-28</i> and <i>age-1</i> in regulating <i>Caenorhabditis elegans</i> dauer formation					
EXAMINER 			DATE CONSIDERED 8/16/97			
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

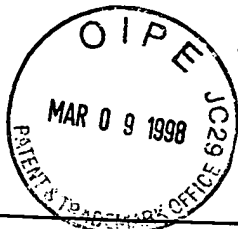
	Alberts et al., Molecular Biology of the Cell, Second Edition. New York: Garland Publishing, Inc., pages 258-266, 1989

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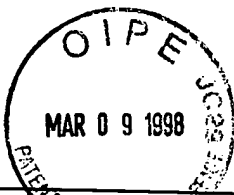
<input checked="" type="checkbox"/>	Dorman, J.B. et al., <i>Genetics</i> , 141(4), 1399-1406 (1995)
<input checked="" type="checkbox"/>	Gottlieb, S. et al., <i>Genetics</i> , 137, pp. 107-120 (1994), <i>daf-2</i> , <i>daf-16</i> and <i>daf-23</i> : Genetically Interacting Genes Controlling Dauer Formation in <i>Caenorhabditis elegans</i>
<input checked="" type="checkbox"/>	Jazwinski, S. Michal, <i>Science</i> , Vol. 273, pp. 54-59 (1996), Longevity, Genes, and Aging
<input checked="" type="checkbox"/>	Kenyon, C. et al., <i>Nature</i> , 366, pp. 461-464 (1993)
<input checked="" type="checkbox"/>	Kenyon, C., <i>Cell</i> , 1996, 84(4): pp. 501-504 (1996)

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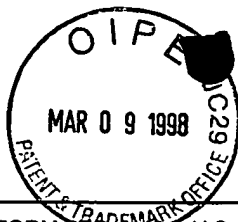
	Kimura, K.D. et al., <i>Science</i> , 277(5328): pp. 942-946 (1997)
	Larsen, P.L. et al., <i>Genetics</i> , 139, pp. 1567-1583 (1995)
	Larsen, P., <i>Proc. Natl. Acad. Sci.</i> , 90, pp. 8905-8909 (1993)
	Lin, K. et al., <i>Science</i> , 278(5341): pp. 1319-1322 (1997)
	Ogg, S. et al., <i>Nature</i> , 389(6654): pp. 994-999 (1997)


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<input checked="" type="checkbox"/>	Okada, T. et al., <i>J. Biol. Chem.</i> , 269, pp. 3563-3567 (1994)					
<input checked="" type="checkbox"/>	Thelen, M. et al., <i>Proc. Natl. Acad. Sci.</i> 91, pp. 4960-4964 (1994)					
<input checked="" type="checkbox"/>	VanFleteren, J.R., <i>J. Biochem.</i> , 292, pp. 605-608 (1993)					
<input checked="" type="checkbox"/>	Vowels, J.J. et al., <i>Genetics</i> , 130, pp. 105-123 (1992)					
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